



MERIT ENERGY COMPANY

Shoshone 65-38

Plug and Abandonment Procedure

Well Information

Field: Circle Ridge
 County: Fremont County, Wyoming
 Legal: 0' FNL & 0' FEL Section 36 T7N R3W
 Lat/Long: 43.5354, -109.05777
 API #: 4901306845

Ground level elevation	7,229'	KB Elevation:	7,238'
TD:	4,030'	PBTD:	1,192'
Surface Casing:	13-3/8" 48.0 #/ft @ 154'		
Surface Casing Cement:	100 sx		
Surface Casing TOC:	Surface	Source:	Drilling Report
Production Casing:	5-1/2" 14.0, 15.5, & 17.0 #/ft @ 1,217'		
Production Casing Cement	100 sx		
Production Casing TOC	715' Surface (Remedial Job)	Source:	Calculation Workover Rpt (05/2015)
Production Tubing	2-7/8" 6.5 #/ft tubing and packer		
Open perforations	Embar: 882' – 1,152'		
Well Status	Shut In Injector		

Note: All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

Plugging Procedure

1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
2. Run Bit and Scraper to PBTD.
3. Set CICR 50' above the top perforation @ 832'.
4. Pump 1.5x wellbore volume (60 sx) of cement below CICR.
5. Sting out of CICR, pump 25 sx on top of retainer.
- ~~6. WOC 24 hours.~~
7. Pressure test production casing to a minimum of 500 psi for 10 minutes.
8. RIH with 2 3/8" 4.9#/ft tubing to 200' below surface.
9. Pump balance plug from 200' to surface inside production casing.
10. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
11. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.



Well: Xanthopoulos 65 38
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490130684500

CPF: Circle Ridge
Spud Date: 1/1/1900
Ground Elevation: 7,229.00
KB Elevation: 7,238.00
On Production Date: 8/22/1954

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Vertical schematic (actual)